User Guide

English

BrisquePack Workflow Solutions

version **4.0**

399Z1R589B

www.creo.com

Copyright

Copyright © 2002 Creo Inc. All rights reserved.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo. In the event of any permitted copying, distribution, publication, modification, or incorporation of this document, no changes in or deletion of author attribution, trademark legend, or copyright notice shall be made.

No part of this document may be reproduced, stored in a retrieval system, published, used for commercial exploitation, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission of Creo Inc.

This document is also distributed in Adobe Systems Incorporated's PDF (Portable Document Format). You may reproduce the document from the PDF file for internal use. Copies produced from the PDF file must be reproduced in whole.

Trademarks

The Creo wordmark, Creo logo, and the names of the Creo products and services referred to in this document are trademarks of Creo Inc.

Adobe, Acrobat, the Acrobat logo and PDF are registered trademarks of Adobe Systems Inc., and are registered in the US Patents and Trademark Office and may be registered in other jurisdictions.

Apple, AppleTalk, AppleShare, EtherTalk, LocalTalk, Macintosh, and Laserwriter are trademarks of Apple Computer Inc.

Microsoft, Microsoft Windows NT, Microsoft Windows 2000, and Windows are trademarks or registered trademarks of Microsoft Corp.

Other brand or product names are the trademarks or registered trademarks of their respective owners.

FCC Compliance

The Creo equipment referred to in this document complies with the requirements in Part 15 of FCC Rules for a Class A computing device. Operation of the Creo equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

Limitation of Liability

The product, software or services are being provided on an "as is" and "as available" basis. Except as may be stated specifically in your contract, Creo Inc. expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose and non-infringement.

You understand and agree that Creo Inc. shall not be liable for any direct, indirect, incidental, special, consequential or exemplary damages, including but not limited to, damages for loss of profits, goodwill, use, data or other intangible losses (even if Creo has been advised of the possibility of such damages), resulting from: (i) the use or the inability to use the product or software; (ii) the cost of procurement of substitute goods and services resulting from any products, goods, data, software, information or services purchased; (iii) unauthorized access to or alteration of your products, software or data; (iv) statements or conduct of any third party; (v) any other matter relating to the product, software, or services.

The text and drawings herein are for illustration and reference only. The specifications on which they are based are subject to change. Creo Inc. may, at any time and without notice, make changes to this document. Creo Inc., for itself and on behalf of its subsidiaries, assumes no liability for technical or editorial errors or omissions made herein, and shall not be liable for incidental, consequential, indirect, or special damages, including, without limitation, loss of use, loss or alteration of data, delays, or lost profits or savings arising from the use of this document.

Patents

This product is covered by one or more of the following U.S. patents:

4456924	5247352	5412737	5600448	5802034	5996499	6136509
4500919	5249067	5420702	5608822	5813346	5998067	6147789
4558302	5283140	5420722	5615282	5818498	6003442	6158345
4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
5208888	5384899	5592309	5771794	5986819	6130702	
5247174	5412491	5594556	5785309	5995475	6134393	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: (1) (604) 451-2700
Fax: (1) (604) 437-9891

http://www.creo.com

399Z1R589B

Contents

Introduction to BrisquePack

BrisquePack step-and-repeat User Guide

1. Introduction
2. Working with a Packaging Layout
3. Previewing a Packaging Job

BrisquePack LRS Workflow User Guide

1. Introduction
2. The Low Resolution Stepping (LRS) Workflow

BrisquePack PCF Workflow User Guide

1. Introduction
2. The PCF Workflow

Introduction to BrisquePack

Overview 2
BrisquePack Packaging Workflows 4

Overview

This guide describes the BrisquePack workflow solutions for the packaging market. The BrisquePack provides various tools specifically designed to address the needs of the packaging market.

All of the BrisquePack packaging workflow solutions incorporate the Brisque Packaging (**PKG**) Job that is recognized by Brisque applications such as, Preview, Proof, Improof, Expose and Plate Expose.

All of the BrisquePack packaging workflows are based on a common method. One element, the single packaging unit, is prepared and then RIPped and color-proofed on the Brisque. Then, the same single element is stepped, repeated and imposed on a layout in the step-and-repeat application. The step-and-repeat application then creates instructions for the packaging layout that include the positioning of the single element on the layout. The packaging layout is then sent to the Brisque. When the layout is sent to output on the Brisque, the actual step-and-repeat of the single element is done on the fly, on the way to the output device.

The packaging layout can be soft-proofed (Preview), hard-proofed (Proof/Improof), or exposed on any Brisque supported output device that produces film, offset plates, flexo graphic plates, or gravure cylinders.

The major advantage to working with one of the Brisque workflows is that the same CT/LW data is used for all iterations of the single element. This dramatically improves the predictability and repeatability of the workflow, increases the efficiency of file handling, and allows a fast and flexible correction cycle.

The BrisquePack workflows offer several significant benefits:

- **Fast RIP process** - you RIP only once (ROOM - RIP Once, Output Many) for all Brisque operations. You RIP the single element and link it to the layout instead of RIPping the entire layout.
- **Short and reliable correction cycle** - since you RIP the single element only, any corrections you make require only re-RIPping the single element and do not require repeating the proof
- **Print Predictability** - What you proof is what you step. The same RIPped files that you proof are used for the step-and-repeat process. You also preview, improof and expose the same RIPped files on the Brisque for complete print predictability.
- **Brisque compatible** - the workflow is fully incorporated into the Brisque environment. This allows you to take full advantage of Brisque resources, including output to all supported devices.

BrisquePack Packaging Workflows

The **BrisquePack packaging workflows** are divided into two consecutive stages of production.

Phase 1 refers to the handling of the single package element. After Phase 1 is completed, you continue with Phase 2, which includes the preparation of the packaging step-and-repeat layout and the creation of a Brisque Packaging Job, which is sent to any supported output device (see the following diagram):

Phase	Production Stage	Action
1	**a. Single Element Design**	Designing and preparing the graphic image of the "single" package element(s) and printing them to the Brisque.
	b. Single Element Proof	RIPping and proofing the package single element for design, color quality and positioning relative to the die line (on the Brisque).
2	**a. Packaging step-and-repeat Layout**	Preparing a step-and-repeat layout of the single element.
	b. Creation of a Brisque Packaging Job	Creating a Brisque Packaging Job for broad utilization of Brisque operations.
	c. Exposure of the Brisque Packaging Job	Performing an imposition proof and then exposing the packaging layout to output media, such as plate, film or cylinder.

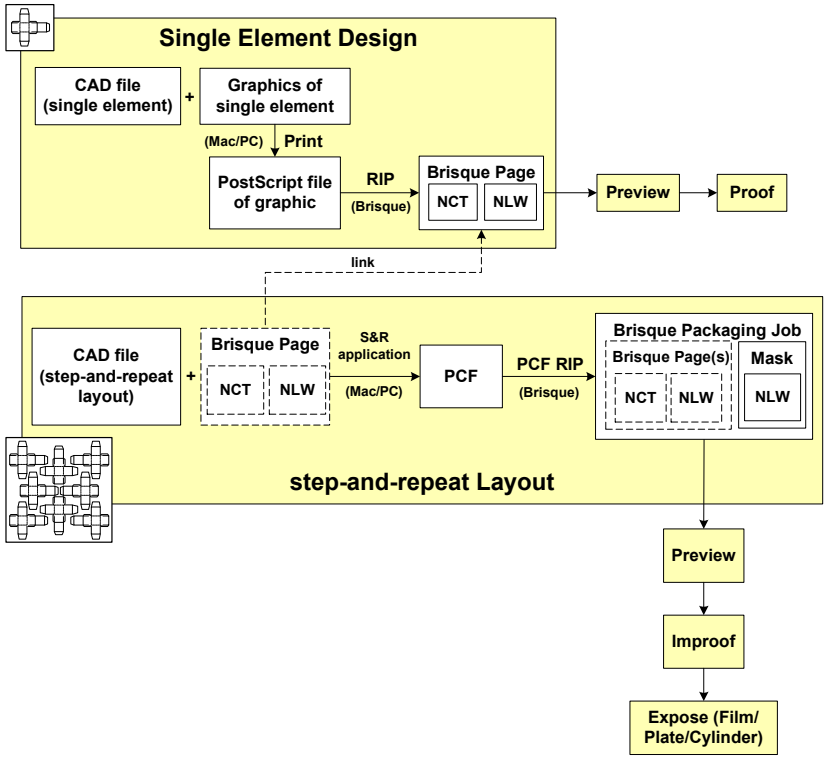


Figure 1: An example of a BrisquePack PCF workflow

The BrisquePack workflow solutions can be divided into three major workflows, depending on the complexity of jobs and the applications used to produce the packaging layout. The three workflows are described in detail in the following user guides:

- BrisquePack step-and-repeat User Guide
- BrisquePack LRS (Low Resolution Stepping) Workflow User Guide
- BrisquePack PCF (Packaging Control File) Workflow User Guide.